

CELL 4.17 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : Suzanne Ziska
Group : Not yet assigned
Applicants : R. Kucherlapati et al.
Serial No. : 08/724,752
Filed : October 2, 1996
For : HUMAN ANTIBODIES DERIVED FROM IMMUNIZED XENOMICE

#4 / Pre-A
Z.R.
4/23/97

New York, New York
January 17, 1997

Hon. Assistant Commissioner
for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT AND REQUEST
FOR INTERFERENCE UNDER 37 C.F.R. § 1.607

Sir:

Please amend the above-identified application as follows.

IN THE CLAIMS

Cancel claims 1-44, without prejudice, and add the following new claim.

45. A method for producing heterologous immunoglobulins from a transgenic mouse, the method comprising:

contacting said transgenic mouse with a pre-selected antigen, said transgenic mouse having a genome comprising germline copies of at least one transgene having human sequences V_H segment genes, human D segment genes, and human J_H segment genes, wherein the transgene undergoes isotype switching from a transgene-encoded mu isotype to a transgene-encoded downstream human gamma isotype in vivo,